

AMENDMENTS TO THE CLAIMS

1. (Previously Presented) A resin molding machine, comprising:

a loader for conveying a work piece from a work piece feeding unit to a press unit in which the work piece is molded with resin;

an unloader for taking out a molded product from said press unit and conveying the same to a product accommodating unit;

a common rail section, on which said loader and said unloader move so as to convey the work piece and the molded product; and

an additional rail unit having a rail section on which said loader and said unloader move, said additional rail unit being detachably attached between said work piece feeding unit and said product accommodating unit to connect the rail section of said additional rail unit with said common rail section;

said loader moves, on said common rail section, between said work piece feeding unit and said additional rail unit having the press unit; and

said unloader moves, on said common rail section, between said additional rail unit having the press unit and said product accommodating unit having a degating section.

2. (Original) The resin molding machine according to claim 1, wherein each of said work piece feeding unit and said product accommodating unit has the common rail section and a base section.

3. (Previously Presented) The resin molding machine according to claim 1, wherein said work piece feeding unit and said product accommodating unit are connected by said additional rail unit having sucking ducts and duct connecting sections, and

the duct connecting section of one of said additional rail units is connected with the duct connecting section of the adjacent additional rail unit so as to connect the sucking ducts to each other.

4. (Original) The resin molding machine according to claim 1, wherein said additional rail unit has a base section, which includes a rail base supporting the rail section and a support base supporting a functional section.

5. (Original) The resin molding machine according to claim 1, wherein at least one of said work piece feeding unit, said product accommodating unit and said additional rail unit includes said press unit.

6. (Original) The resin molding machine according to claim 5, wherein at least one of said press unit has a film unit.

7. (Original) The resin molding machine according to claim 1, wherein a functional section in which a function other than a molding function is executed, is provided at a position of said press unit.

8. (Original) The resin molding machine according to claim 1, wherein a resin feeding section, which feeds resin for molding to said press unit, is provided to one of said work piece feeding unit, said product accommodating unit and said additional rail unit.

9. (Original) The resin molding machine according to claim 1, wherein an intermediate die feeding section, which attaches an intermediate die to and detaches the same from a place between an upper die and a lower die of said press unit, is provided to one of said work piece feeding unit, said product accommodating unit and said additional rail unit.

10. (Original) The resin molding machine according to claim 1, wherein a heat sink feeding section, which feeds a heat sink to said press unit, is provided to one of said work piece feeding unit, said product accommodating unit and said additional rail unit.

11. (Previously Presented) A resin molding machine, comprising:
a loader for conveying the work piece and resin for molding from said work piece feeding unit to said press unit, in which the work piece is molded with the resin; and
an unloader for conveying a molded product from said press unit to a product accommodating unit;
said loader and said unloader move in a part of said press unit;
one of a film feeding section, which feeds release film onto a parting face of said press unit, and a film collecting section, which collects used release film can be moved away from said press unit so as to exchange the release film.

12. (Previously Presented) The resin molding machine according to claim 11, wherein one of said film feeding section and said film collecting section can be horizontally drawn outward from said press unit.

13. (Previously Presented) The resin molding machine according to claim 12, wherein one of said film feeding section and said film collecting section can be pivoted to move away from said press unit.

14. (Original) The resin molding machine according to claim 11, wherein said film feeding section includes: a film feeding roller, on which the release film is wound; and a tension roller capable of giving tension to the release film drawn from the film feeding roller, and

said film collecting section includes: a film collecting roller which winds the release film used; and a tension roller capable of giving tension to the release film collected by the film collecting roller.

15. (Original) The resin molding machine according to claim 11, wherein the tension rollers of said film feeding section and said film collecting section respectively have sensors, which respectively detects revolution numbers of the tension rollers, and

revolution numbers of driving sources, which respectively rotate the tension rollers, are controlled on the basis of output signals of the sensors.

16. (Original) The resin molding machine according to claim 11, wherein said film feeding section and said film collecting section respectively have guide rollers for moving the release film away from the parting face of said press unit.

17. (Previously Presented) The resin molding machine according to claim 1, wherein said work piece feeding unit has a resin tablet feeding section comprising:

a tablet sending section including a first tablet container, which forms resin tablets in line and guides them in a sending direction, and a first vibrating section, which vibrates the first tablet container so as to send the resin tablets; and

a tablet circulating section including a second tablet container, which accommodates the resin tablets which have been missed to send from the first tablet container and collected, and a second vibrating section, which vibrates the second tablet container so as to send the resin tablets to the first tablet container.

18. (Currently Amended) The resin molding-tablet feeding machine according to claim ~~17~~ 11, wherein said work piece feeding unit has a resin tablet feeding section comprising:

a tablet sending section including a first tablet container, which forms resin tablets in line and guides them in a sending direction, and a first vibrating section, which vibrates the first tablet container so as to send the resin tablets; and

a tablet circulating section including a second tablet container, which accommodates the resin tablets which have been missed to send from the first tablet container and collected, and a second vibrating section, which vibrates the second tablet container so as to send the resin tablets to the first tablet container.

~~wherein a first conveying face of the first tablet container, on which the resin tablets are sent, and a second conveying face of the second tablet container, on which the resin tablets are circulated, are crossed.~~

19. (Cancelled)

20. (Cancelled)